
UCLAN YEAR 5 CURRICULUM DEVELOPMENT

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BACKGROUND/AIMS

- Inform the design of the new UCLan Year 5 Medical School curriculum
 - Develop a workforce which is optimally suited to the challenges of being an FY doctor
 - One part of the whole research project:
 - Gain an insight from current FY doctors
 - Gain an insight from senior clinicians and consultants
 - Analyse common errors/incidents which involve junior doctors
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METHODS

- **Part 1** - Survey: 'Online Surveys' (BOS):
 - 12 Q's - Sent out to all foundation doctors at ELHT (120)
 - **Part 2** - Focus Group:
 - 8 participants (all foundation doctors)
 - **Part 3** - Consultant/Senior Doctor Survey:
 - 6 Q's - Sent out to all consultants and ST3+ doctors at ELHT
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PART I - FY PERSPECTIVE

SURVEY

- 1 As a foundation trainee, can you describe an encounter which you found the most challenging and least equipped to deal with. You can talk about more than one experience:
 - 2 In terms of CLINICAL KNOWLEDGE, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 3 In terms of CLINICAL SKILLS, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 4 In terms of COMMUNICATION SKILLS, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 5 In terms of PRESCRIBING SKILLS, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 6 In terms of PROFESSIONALISM SKILLS, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
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SURVEY

- 7 In terms of CAREERS and TRAINING, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 8 In terms of LIFE SKILLS (shift-working, rota's, money, life-work balance etc), what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 9 Please describe any critical incidents/common errors that you or your colleagues have encountered during your foundation training (All information is anonymous and confidential so please be as honest and open as possible with the assurance that this information will help to prevent new doctors making the same/similar mistakes!)
 - 10 As a Foundation Trainee, what CLINICAL aspects (eg day-to-day tasks, shift work, workload, dealing with emergencies, end-of-life care/death, dealing with patients/relatives etc) do you find the most 'stressful'
 - 11 As a Foundation Trainee, what NON-CLINICAL aspects (eg portfolio/ARCP preparation, career development, booking leave, personal finances, travelling etc) do you find the most 'stressful'
 - 12 Is there anything which you found useful in Year 5 medical school that you would recommend to be taught to Year 5 UCLan students?
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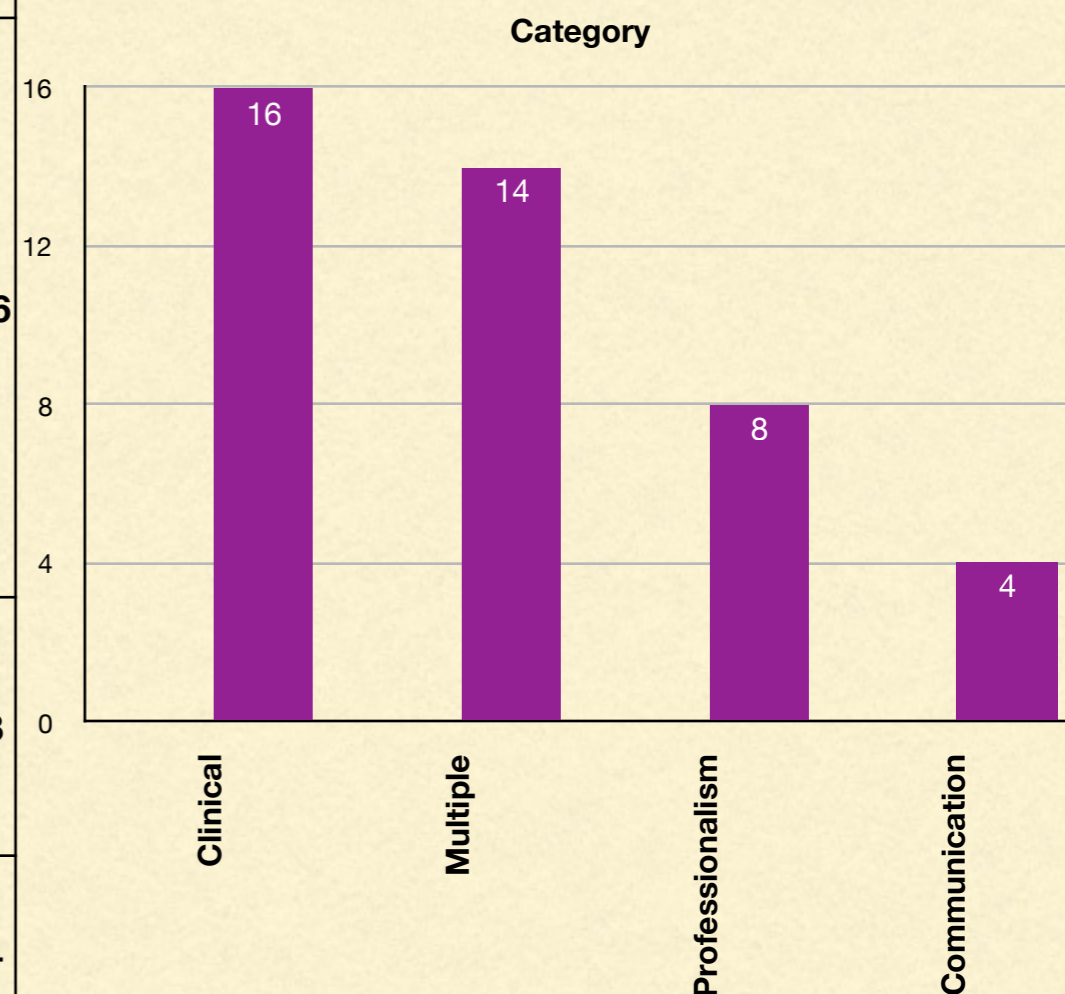
RESULTS

- 23 responses (over 6 week period - June-Aug 2018)
 - Mainly qualitative data, as intended
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QUESTION 1

1 As a foundation trainee, can you describe an encounter which you found the most challenging and least equipped to deal with. You can talk about more than one experience:

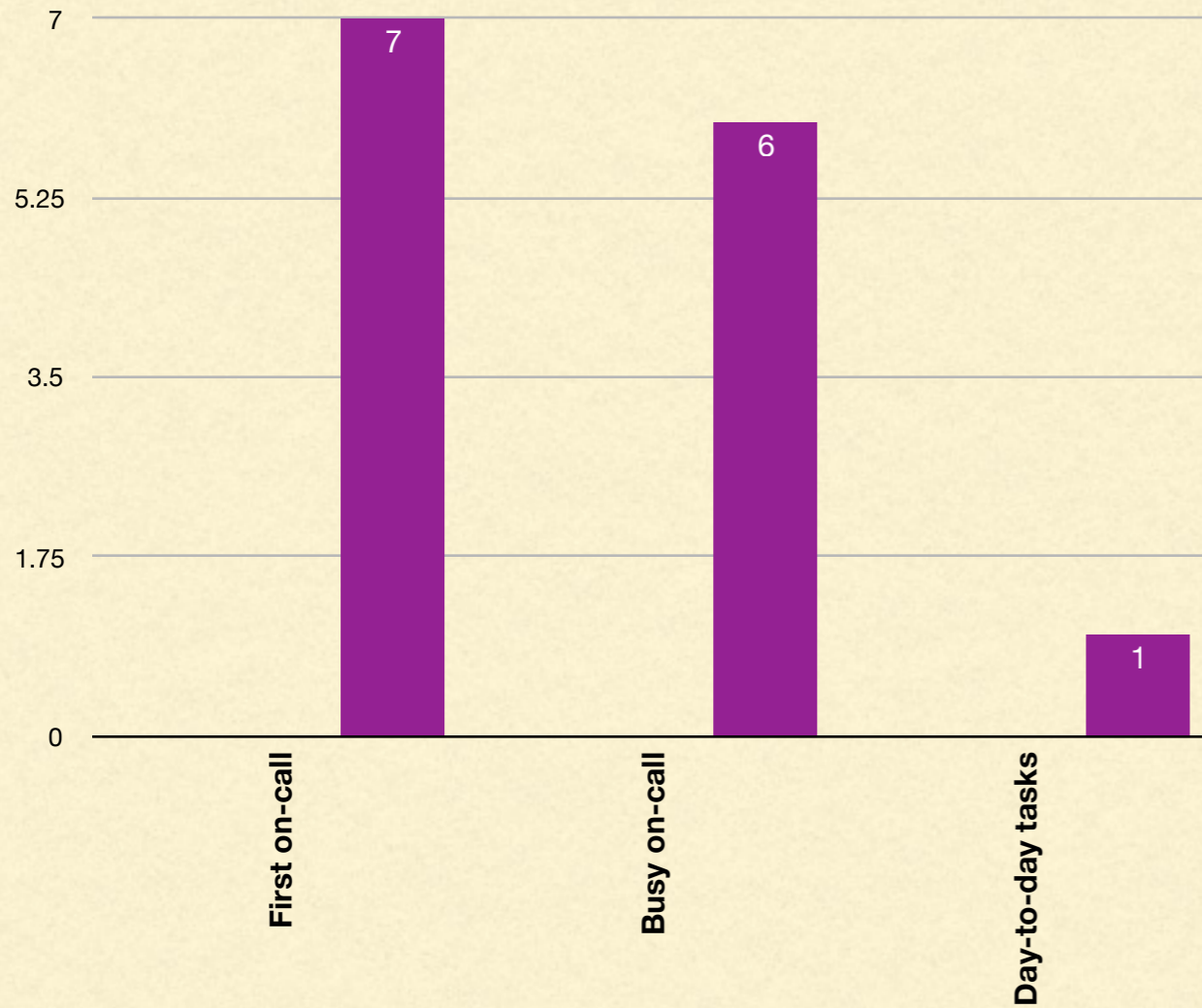
Multiple	The first on-call	7	14
	Managing a busy on-call	6	
	Day-to-day ward work	1	
Clinical	Acutely unwell patient assessment/management	6	16
	Confirming/Certifying death	2	
	Fall assessment	2	
	Fast AF	1	
	Ruptured AAA	1	
	Managing minor injuries	1	
	Reduced GCS	1	
	Laryngectomy bleed	1	
	Renal failure	1	
Professionalism	Where to find help/what type of help is available, asking for help	3	8
	Documentation, writing in notes, filling out requests/paperwork	2	
	Concerning behaviour by a senior staff member - who to escalate to	2	
	Saying 'No'/being assertive	1	
Communication	Breaking bad news	2	4
	Speaking to family	1	
	Managing expectations	1	



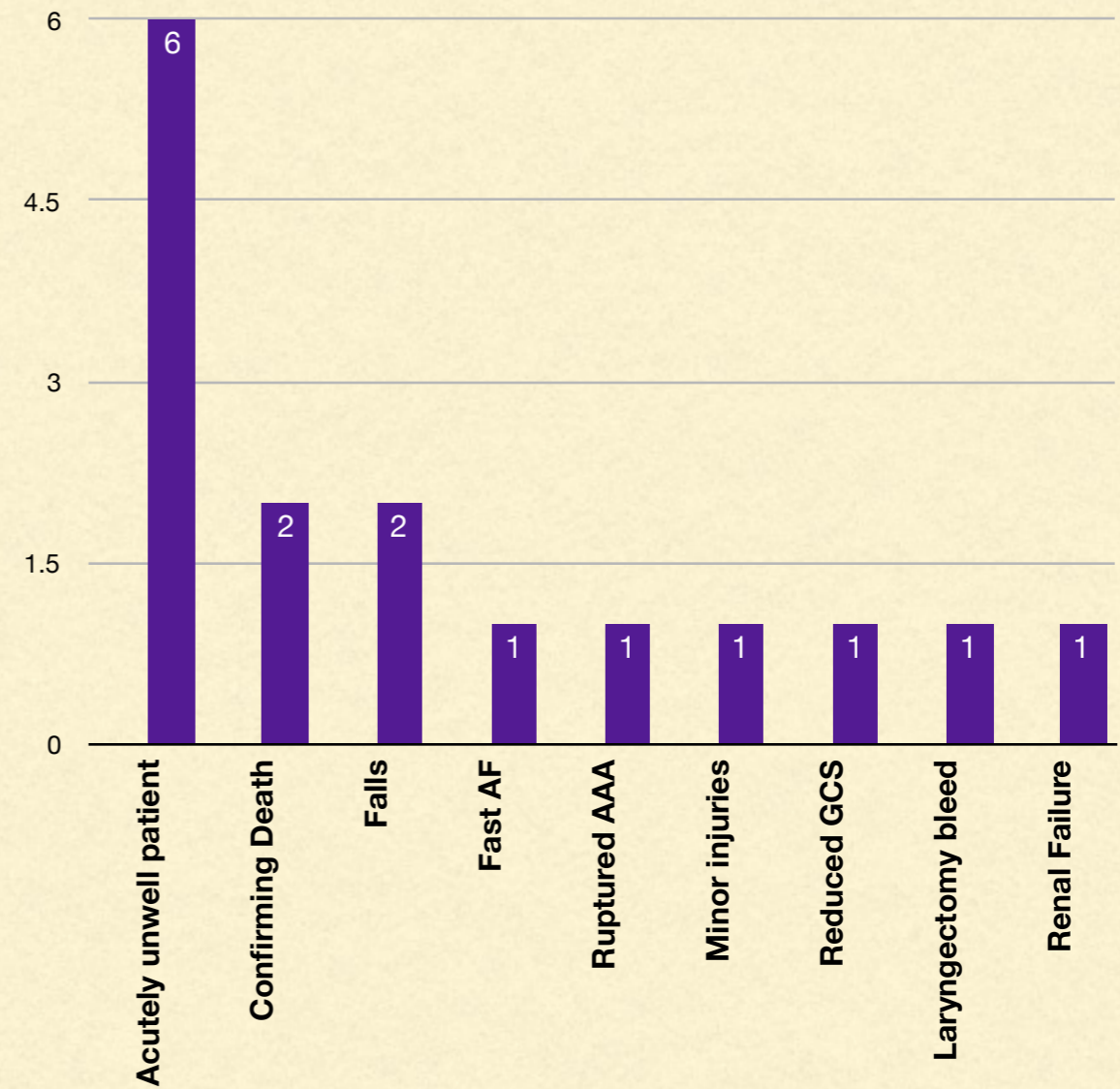
QUESTION 1

1 As a foundation trainee, can you describe an encounter which you found the most challenging and least equipped to deal with. You can talk about more than one experience:

Multiple



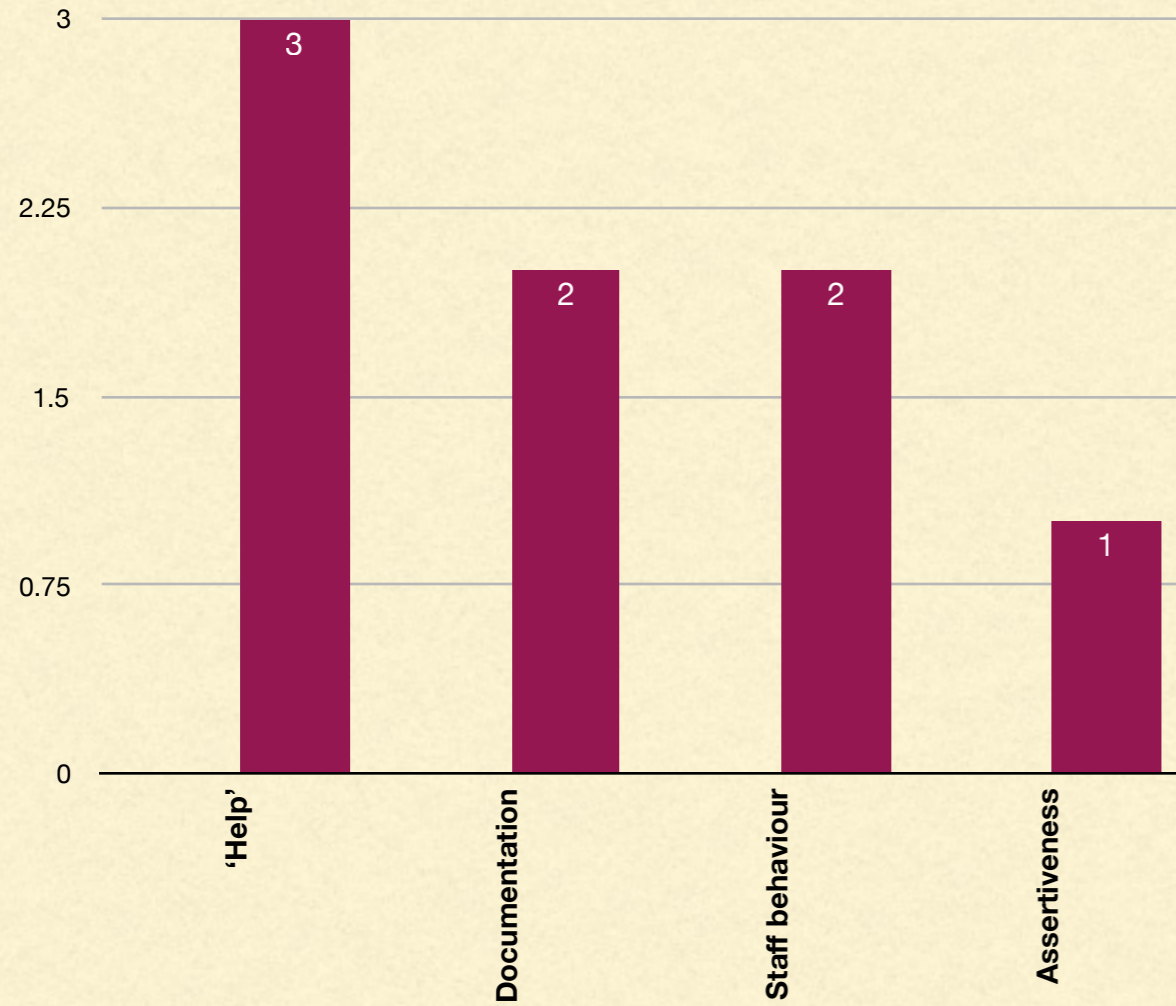
Clinical



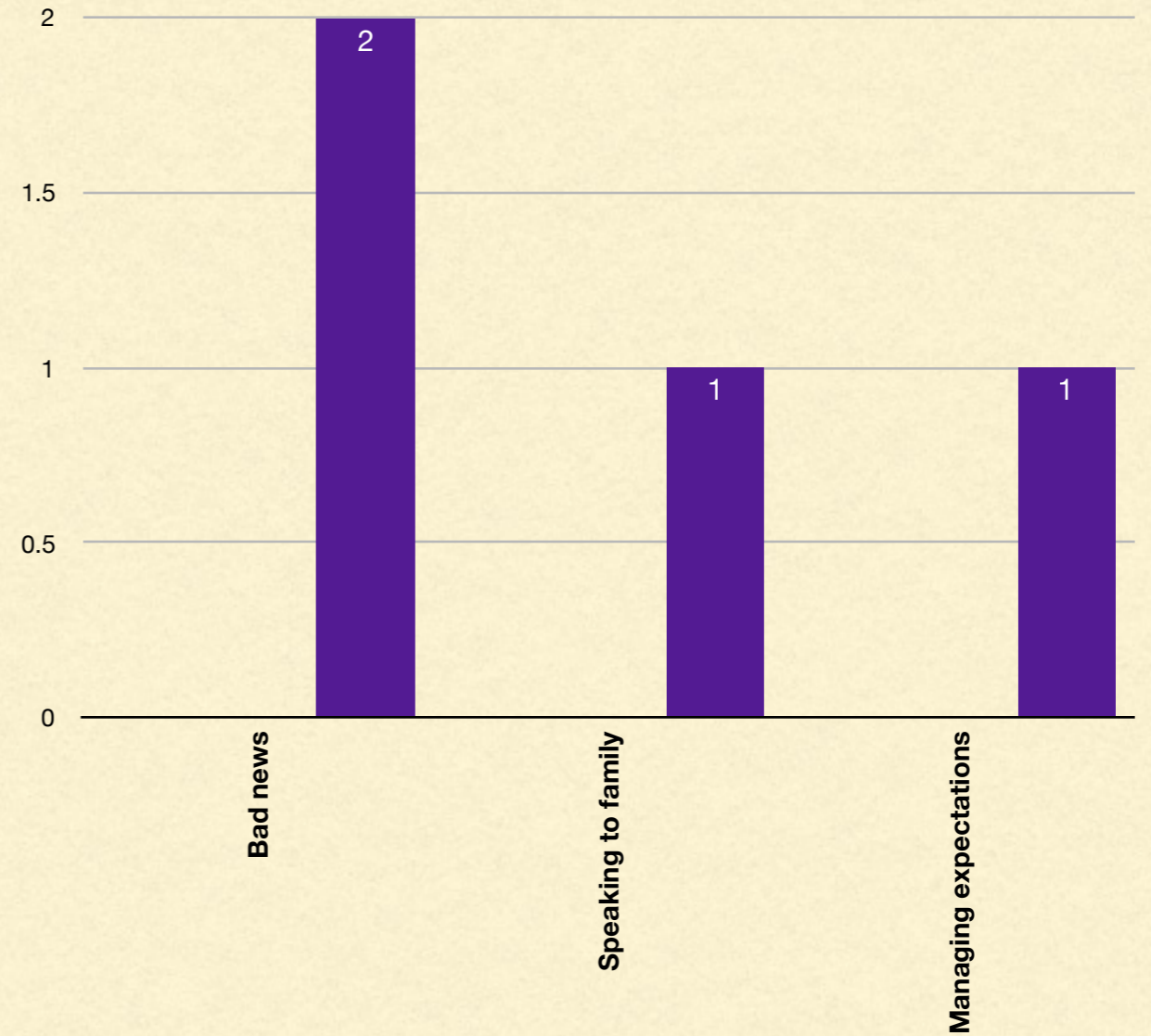
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Profesionalism

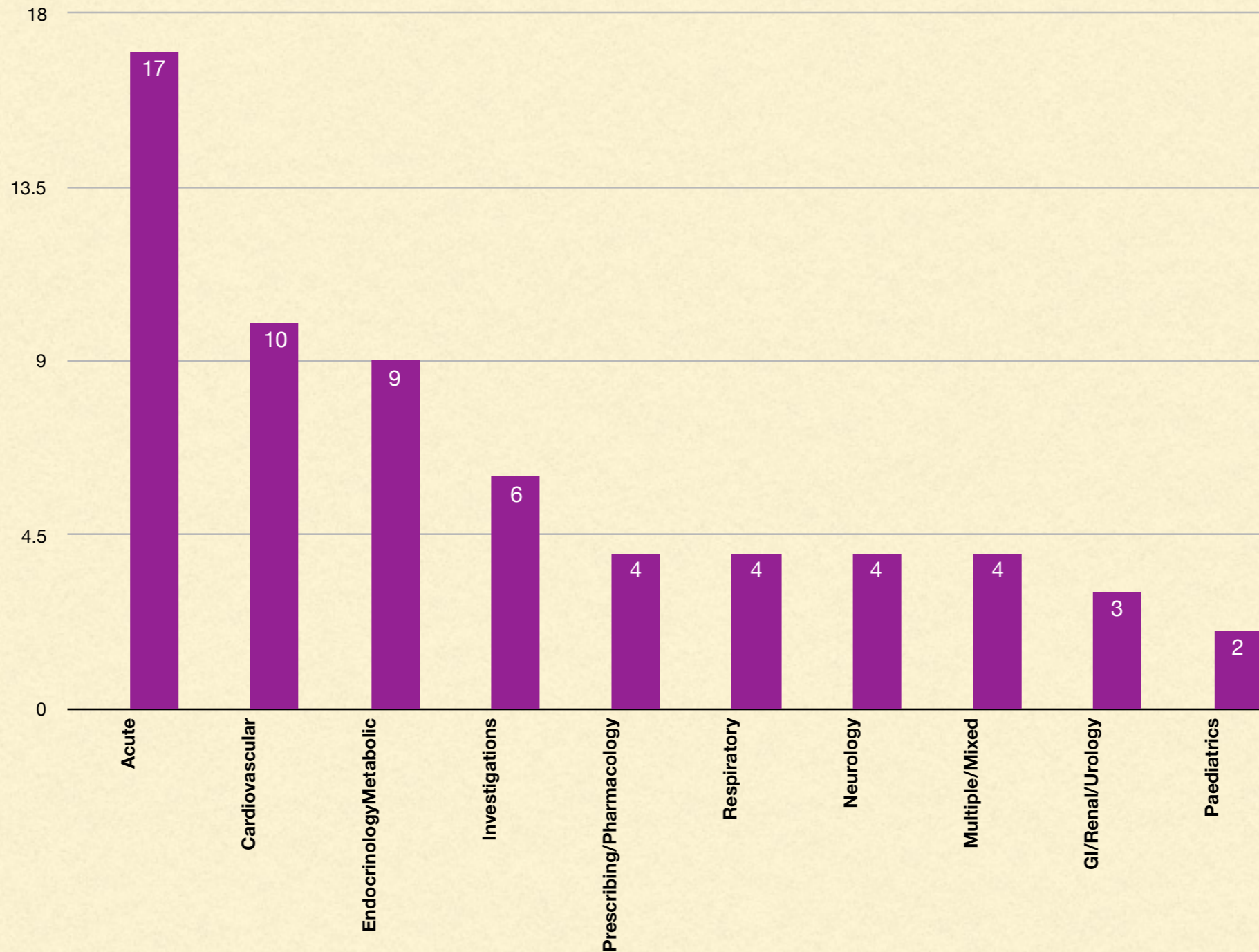


Communication



QUESTION 2

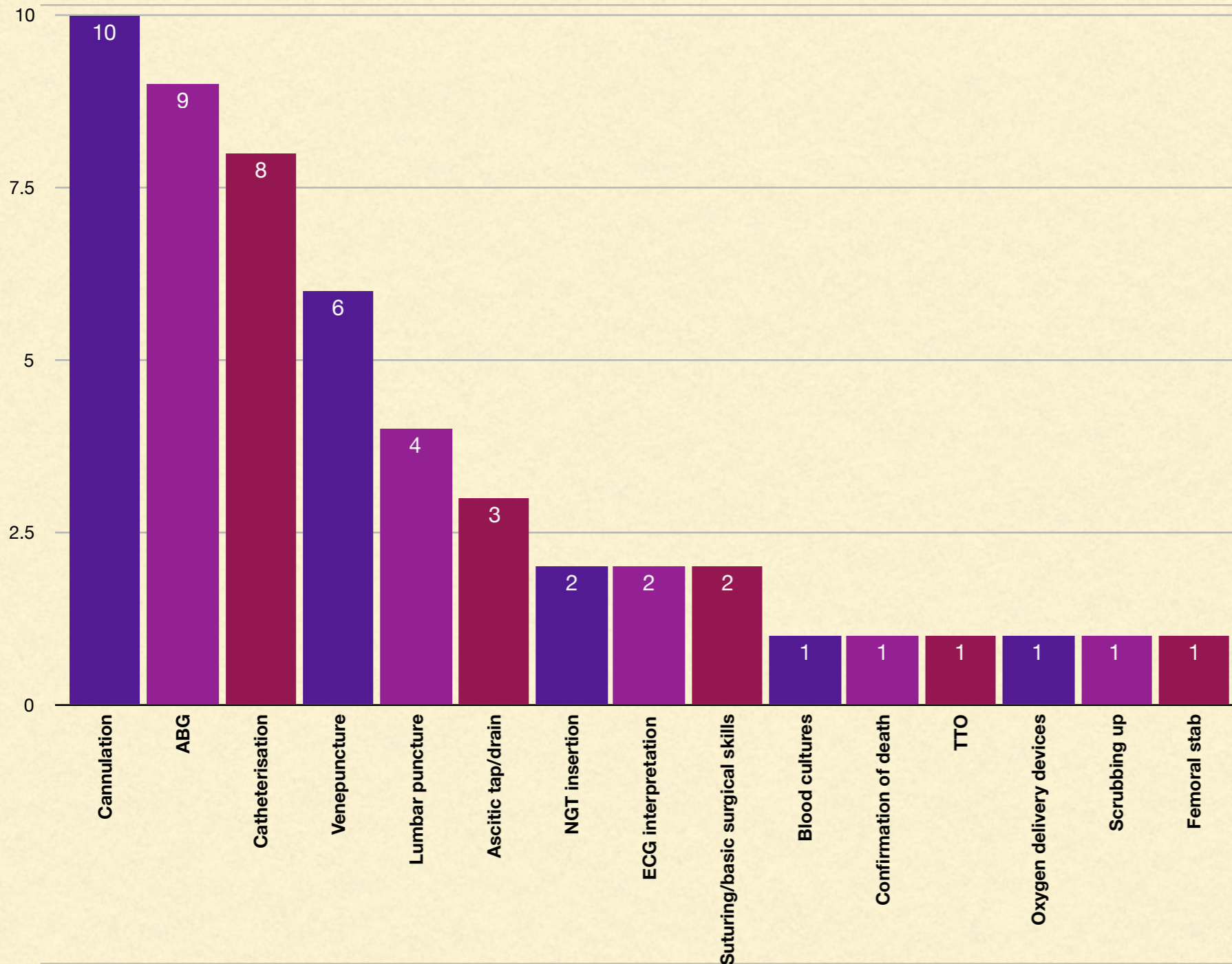
2 In terms of CLINICAL KNOWLEDGE, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.



Category	Answer	Responses	Total
Acute	Acutely unwell patient assessment/management	9	17
	ALS/cardiac arrest	4	
	Acute abdomen/Upper GI bleed	2	
	Sepsis	1	
	Bowel obstruction	1	
Cardiovascular	Cardiac chest pain/ACS	7	10
	Fluid overload, CCF, Pulmonary oedema	3	
Endocrinology/ Metabolic	DKA/Diabetes/Hypo/Hyperglycaemia	6	9
	Electrolyte disturbances	1	
	Hypocalcaemia	1	
	Hyperkalaemia	1	
Investigations	X-ray interpretation	4	6
	ECG interpretation	1	
	ABG interpretation	1	
Prescribing/ Pharmacology	Fluid prescribing	2	4
	Pain/Analgesia	1	
	Drug interactions	1	
Respiratory	SOB	2	4
	Asthma	1	
	Bronchiolitis	1	
Neurology	Neurology, Stroke, confusion, Epilepsy	4	4
Multiple/Mixed	Falls, collapse	2	4
	Consenting patients for surgical procedures	1	
	Common on-call presentations	1	
GI/Renal/Urology	Gastro/IBD	1	3
	Nephrology	1	
	Low urine output	1	
Paediatrics	Asthma	1	2
	Bronchiolitis	1	

QUESTION 3

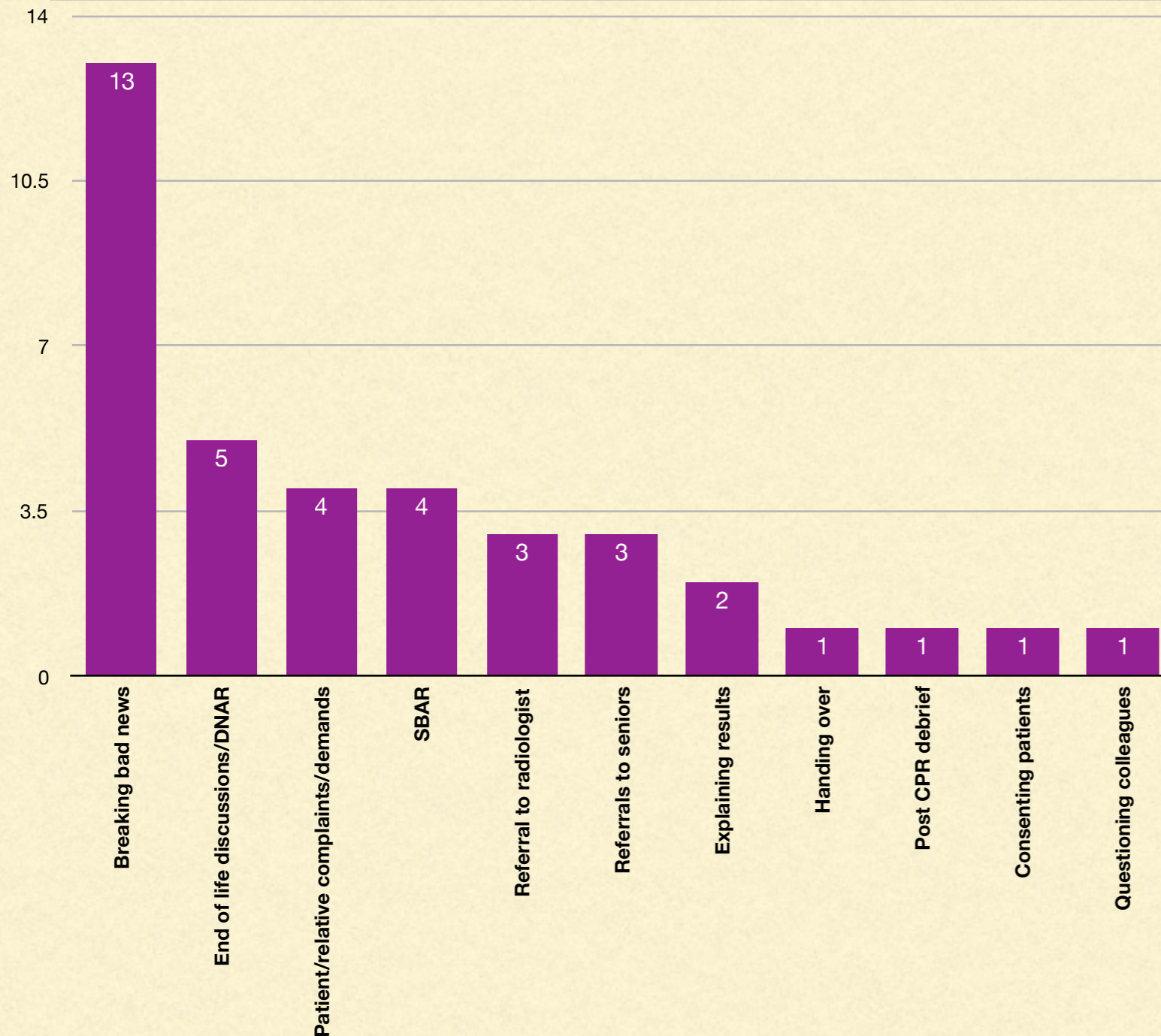
3 In terms of CLINICAL SKILLS, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.



Cannulation	10
ABG	9
Catheterisation	8
Venepuncture	6
Lumbar puncture	4
Ascitic tap/drain	3
NGT insertion ECG interpretation Suturing/basic surgical skills	2
Blood cultures Confirmation of death TTO Oxygen delivery devices Scrubbing up Femoral stab	1

QUESTION 4

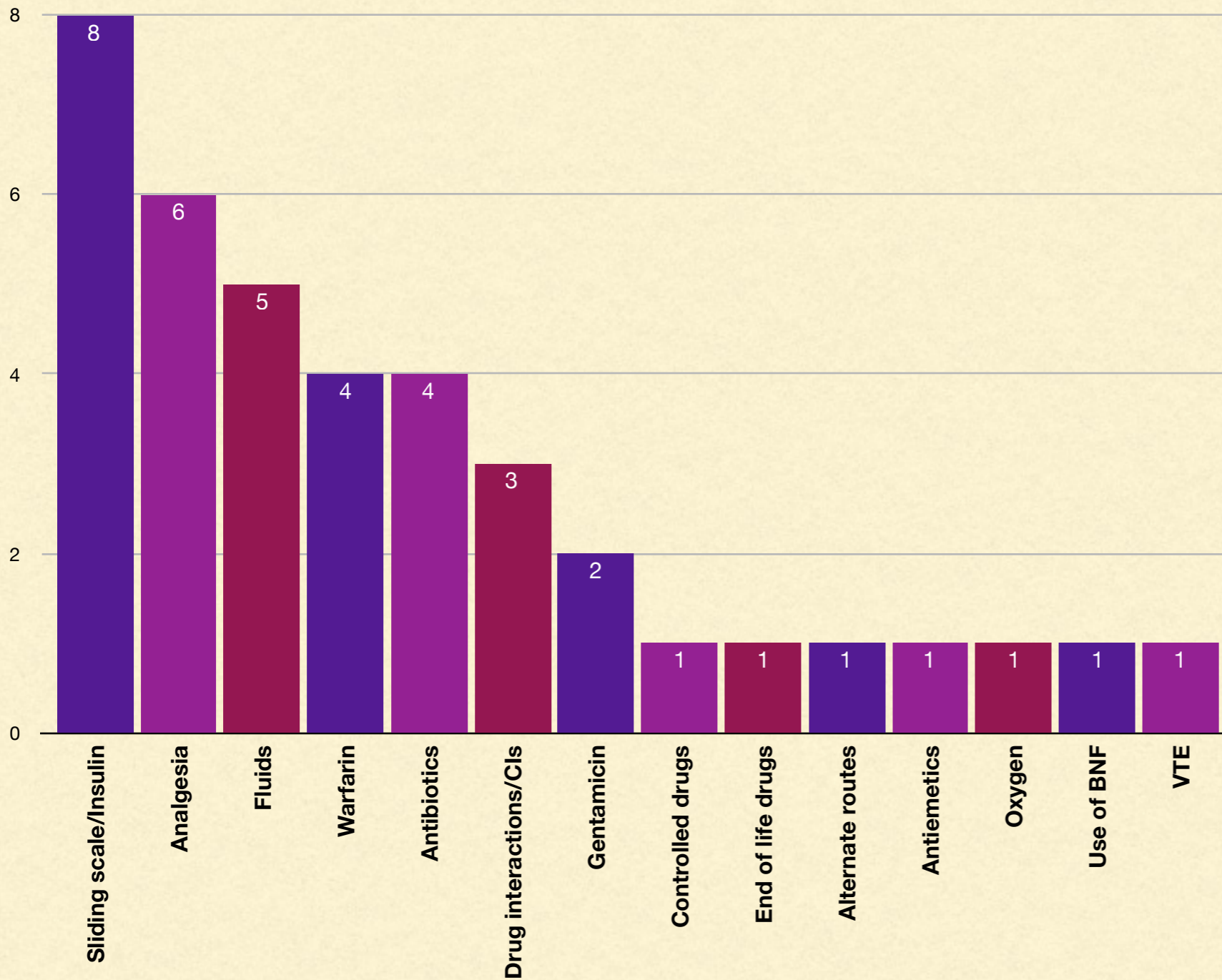
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Breaking bad news	13
End of life discussions/DNAR	5
Patient/relative complaints/demands SBAR	4
Referral to radiologist Referrals to seniors	3
Explaining results	2
Handing over Post CPR debrief Consenting patients Questioning colleagues	1

QUESTION 5

5 In terms of PRESCRIBING SKILLS, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.



Sliding scale/Insulin	8
Analgesia	6
Fluids	5
Warfarin	4
Antibiotics	4
Drug interactions/CIs	3
Gentamicin	2
Controlled drugs End of life drugs Alternate routes Antiemetics Oxygen Use of BNF VTE	1

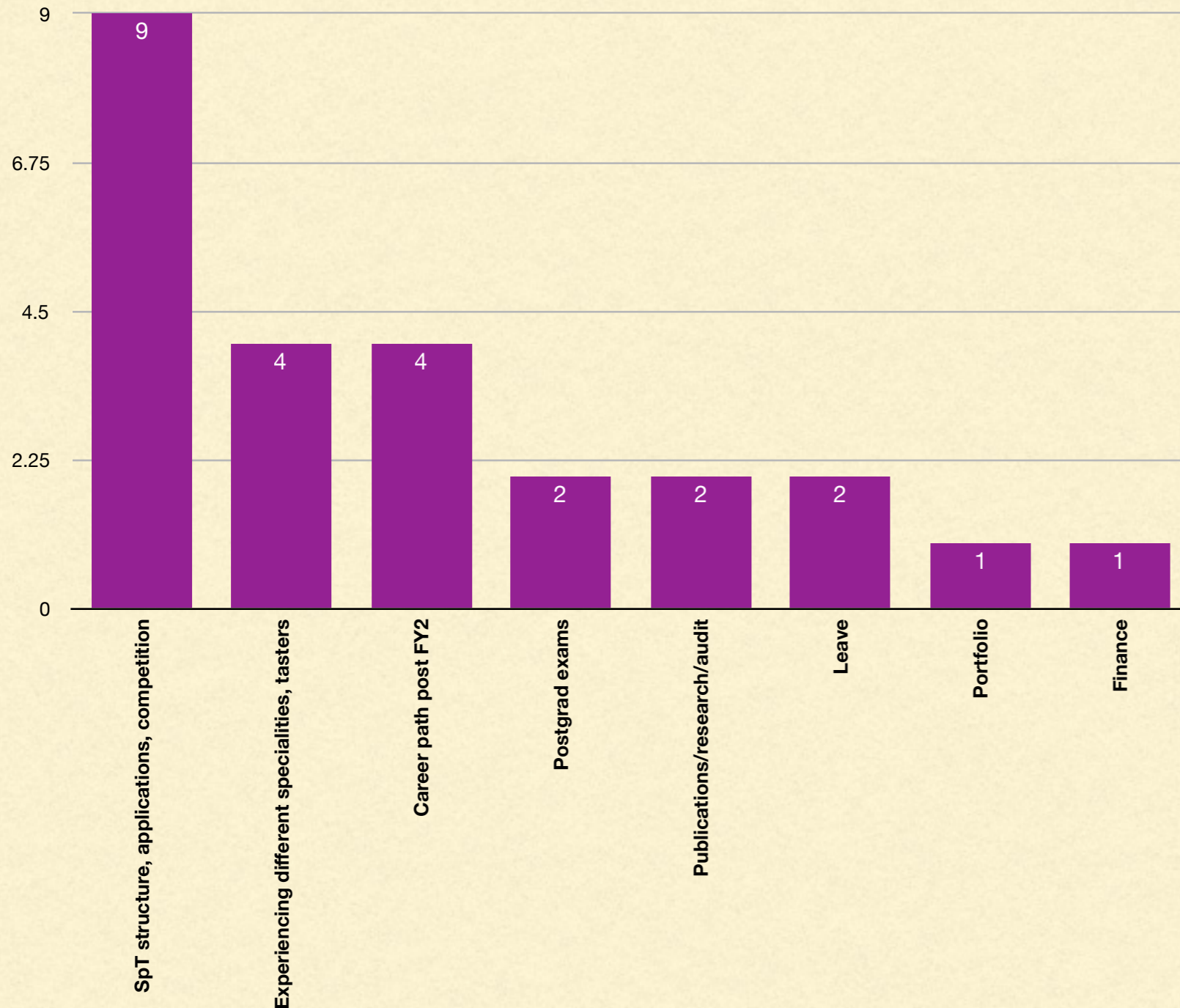
QUESTION 6

6 In terms of PROFESSIONALISM SKILLS, what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.

Working and communicating within a team/MDT	5
Asking for help	3
Delegating tasks	2
Questioning seniors Portfolio/ARCP/Curriculum mapping Punctuality Saying 'No'/being assertive Roles of other healthcare professionals, community services, social services Capacity assessment Leadership Sick leave Responding to bleeps Handover Working under pressure Social media Communication skills Obstructive members of staff Recognising own limitations	1

QUESTION 7

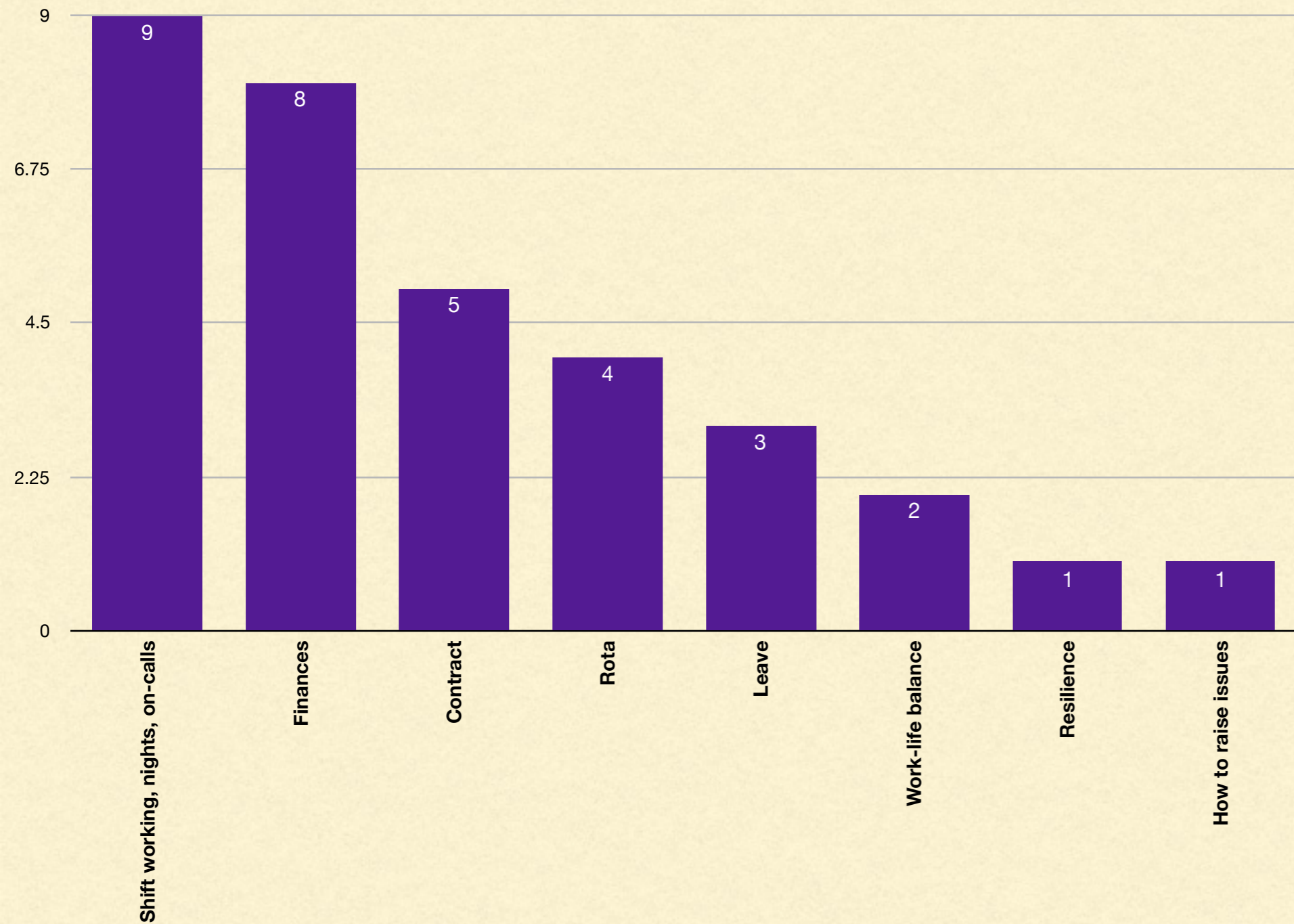
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SpT structure, applications, competition	9
Experiencing different specialities, tasters Career path post FY2	4
Postgrad exams Publications/research/audit Leave	2
Portfolio Finance	1

QUESTION 8

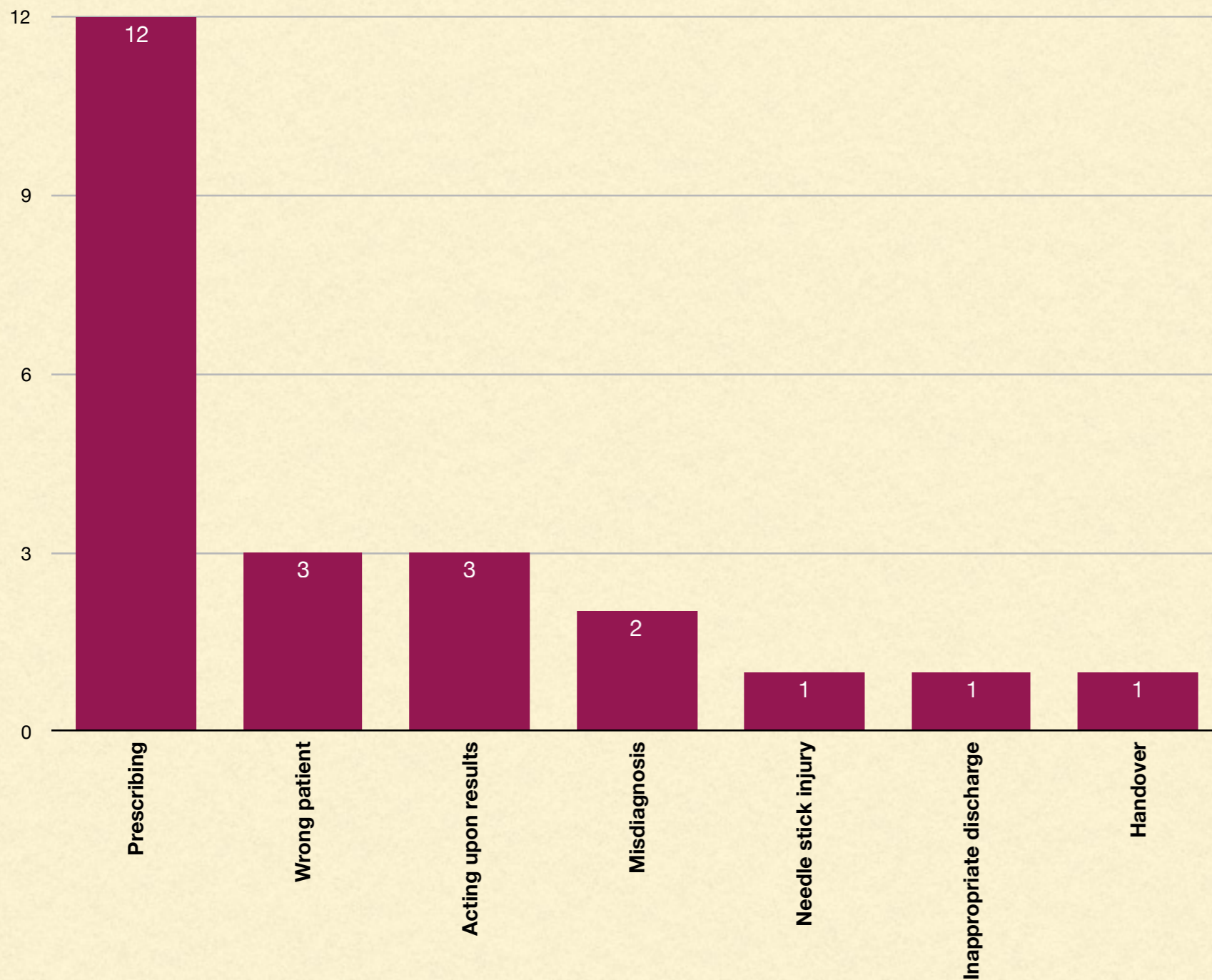
8 In terms of LIFE SKILLS (shift-working, rota's, money, life-work balance etc), what would you have found most helpful to have been taught in Year 5 medical school to prepare you for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.



Shift working, nights, on-calls	9
Finances	8
Contract	5
Rota	4
Leave	3
Work-life balance	2
Resilience	1
How to raise issues	1

QUESTION 9

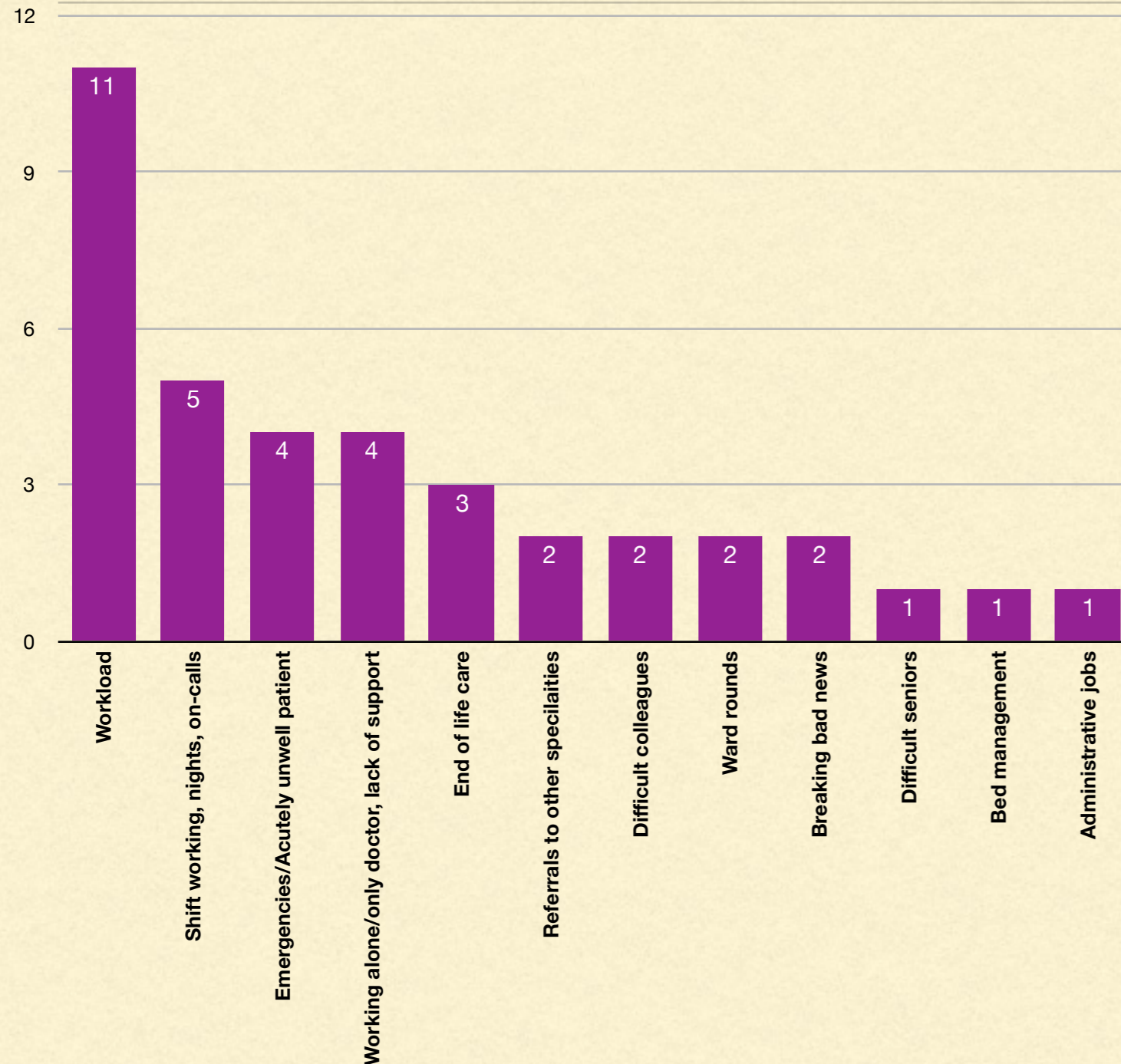
9 Please describe any critical incidents/common errors that you or your colleagues have encountered during your foundation training (All information is anonymous and confidential so please be as honest and open as possible with the assurance that this information will help to prevent new doctors making the same/similar mistakes!)



Prescribing	12
Wrong patient Acting upon results	3
Misdiagnosis	2
Needle stick injury Inappropriate discharge Handover	1

QUESTION 10

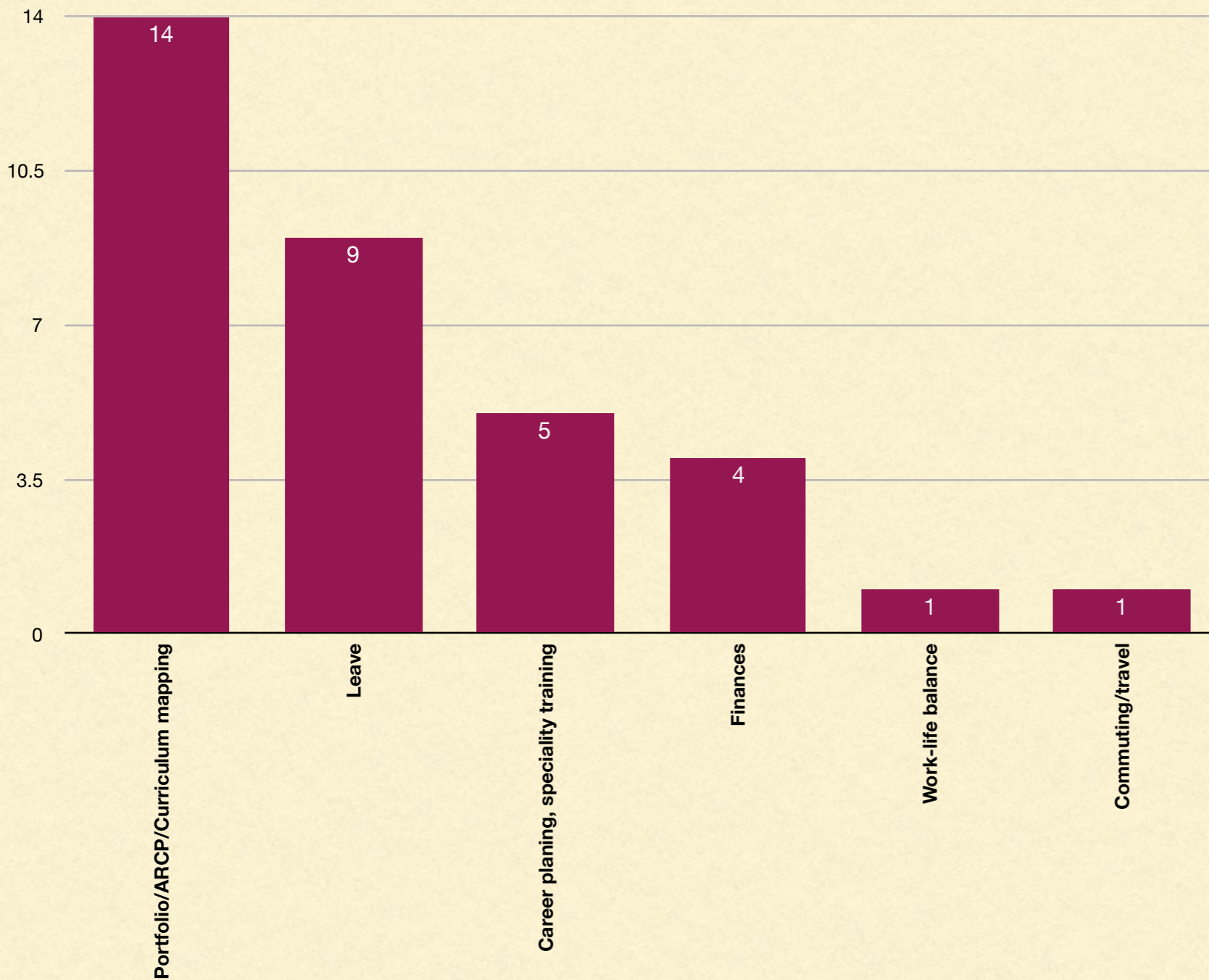
10 As a Foundation Trainee, what CLINICAL aspects (eg day-to-day tasks, shift work, workload, dealing with emergencies, end-of-life care/death, dealing with patients/relatives etc) do you find the most 'stressful'



Workload	11
Shift working, nights, on-calls	5
Emergencies/Acutely unwell patient Working alone/only doctor, lack of support	4
End of life care	3
Referrals to other specialities Difficult colleagues Ward rounds Breaking bad news	2
Difficult seniors Bed management Administrative jobs	1

QUESTION 11

11 As a Foundation Trainee, what NON-CLINICAL aspects (eg portfolio/ARCP preparation, career development, booking leave, personal finances, travelling etc) do you find the most 'stressful'



Portfolio/ARCP/ Curriculum mapping	14
Leave	9
Career planing, speciality training	5
Finances	4
Work-life balance Commuting/travel	1

QUESTION 12

12 Is there anything which you found useful in Year 5 medical school that you would recommend to be taught to Year 5 UCLan students?

Clinical	Shadow FYs	4	14
	Simulation	2	
	ABCDE assessment, acutely unwell patient	2	
	DNACPR	1	
	Palliative care prescribing	1	
	Fluid prescribing	1	
	Imaging/radiology	1	
	Mock OSCE FY scenarios	1	
	Prescribing	1	
Communication	Referring to specialities	2	5
	Writing in patient notes	2	
	Communication skill	1	
Professionalism	Research/Audit/QI	2	5
	Speciality specific teaching	1	
	Prioritisation tasks	1	
	GMC and Fitness to Practice	1	
Practical skills	Clinical skills practice	3	4
	Cannulation	1	
Life skills	Finance	1	1

ANALYSIS

- Clinical problems most challenging
 - Acute presentations and acutely unwell patient
 - Followed on-calls, shift working, workload
 - Professionalism also a common theme
 - Teamwork, understanding roles, communication
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PART 2 - FY FOCUS GROUP

Clinical	Professionalism	Lifestyle/Home	Careers/Portfolio	Advice/Input
Falls	Calling for help ('who to call and when to call them')	On-calls, adjusting to nights	Careers advice'	Know what to do but not done it before!
Minor ailments	Documentation, record keeping	Money, tax, wage slips, pensions, savings	Specialty experience	Take bloods with phlebotomist/acute care team
ILS/ALS skills	How to say 'No' being assertive	Schedule		Shadowing +++
Dermatology	Communicating with team	Commuting		Using different equipment
Haematuria	QI projects			Diary of an FY1
Warfarin dosing				What different specialties do and how they can be utilised
Reviewing bloods and acting upon results				Note taking, jobs list
On-calls				ATSP teaching very useful
Discharge summaries				Knowledge of help available
Electrolyte disturbances, how to correct these				
Agitation/confusion				
Analgesia				
Using different equipment				
Request forms, what to write				
Ward round 'involvement'				

ANALYSIS

- Echo of FY survey
 - Useful suggestions:
 - Shadowing phlebotomists (for venepuncture/IV cannulation)
 - Providing a diary of FY practice/workload for students
 - Emphasis on shadowing doctors (not just for 2 weeks but throughout final year)
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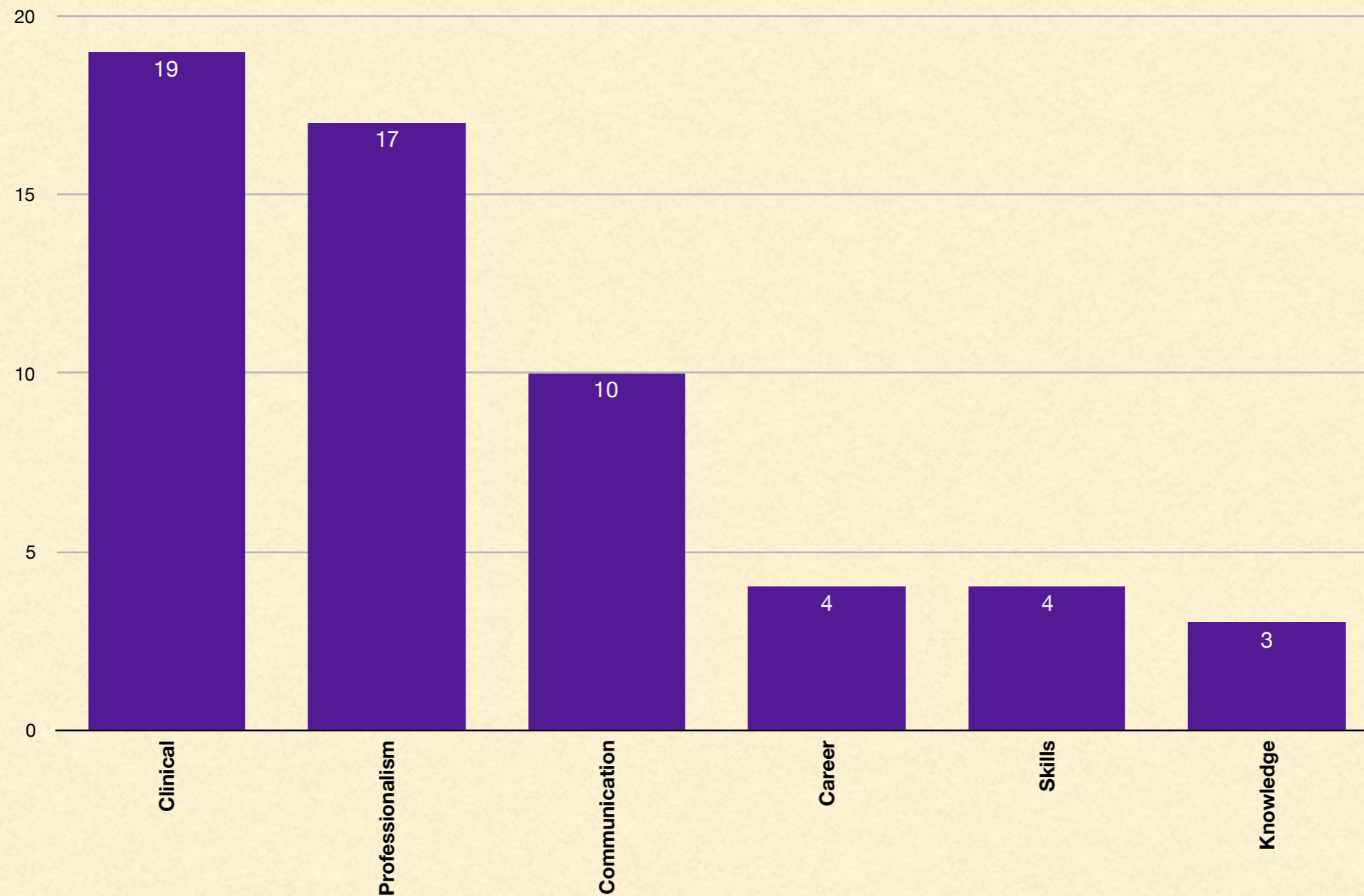
PART 3 - SENIOR DOCTOR SURVEY

SURVEY

- 1 Which areas have you had to help foundation doctors with the most or felt that they are least equipped to deal with?
 - 2 In terms of CLINICAL KNOWLEDGE and SKILLS, what do you think would be most helpful for Year 5 medical students to be taught in order to prepare them for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 3 In terms of COMMUNICATION SKILLS, what do you think would be most helpful for Year 5 medical students to be taught in order to prepare them for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 4 In terms of PROFESSIONALISM, what do you think would be most helpful for Year 5 medical students to be taught in order to prepare them for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.
 - 5 What do you feel are the most challenging issues facing foundation doctors currently (clinical/non-clinical)?
 - 6 Have you had to support foundation doctors with non-clinical issues? If so, what were these issues?
-

QUESTION 1

1 Which areas have you had to help foundation doctors with the most or felt that they are least equipped to deal with?



Professionalism	Time management/Prioritisation	7	17
	Organisation skills	3	
	Probity/accountability	2	
	Punctuality/Time keeping	2	
	Resilience	1	
	Quality improvement	1	
	Personalising care/Patient perspective	1	
Clinical	Prescribing/pharmacology	5	19
	Emergencies/Acutely unwell patient	4	
	Examinations	3	
	Forming a plan/decision making	3	
	Acute pain management	1	
	Certification of death	1	
	Risk assessment	1	
	Fluid balance/prescribing	1	
Communication	Communication	5	10
	Documentation in notes	3	
	History taking	1	
	Consenting	1	
Career	Portfolio development	3	4
	Insight into specialities	1	
Skills	Procedures (venepuncture)	3	4
	Procedures in Paediatrics	1	
Knowledge	Insight into community services	1	3
	Anatomy	1	
	Basic physiology	1	

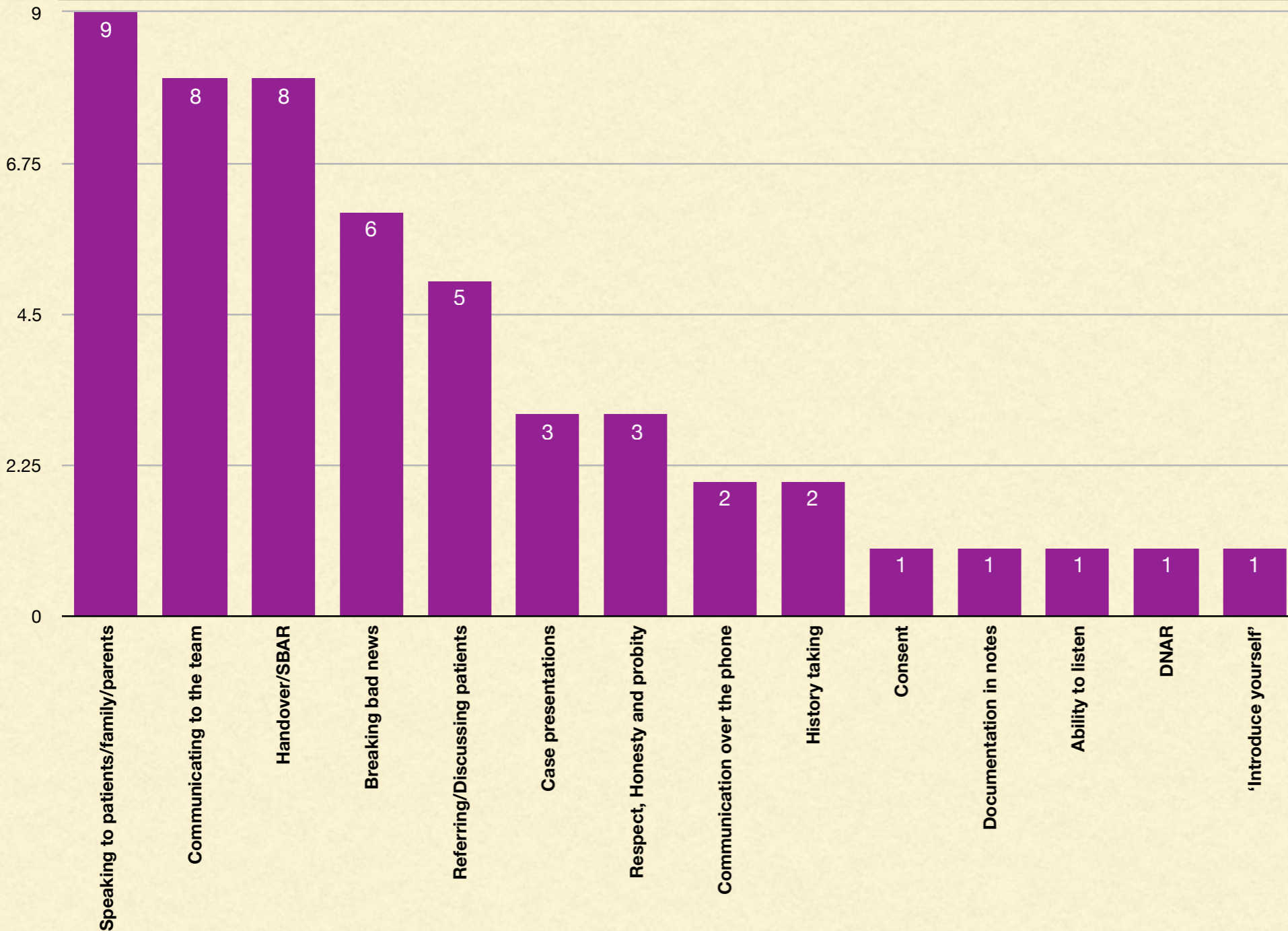
QUESTION 2

2 In terms of CLINICAL KNOWLEDGE and SKILLS, what do you think would be most helpful for Year 5 medical students to be taught in order to prepare them for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.

Acutely unwell patient/Emergencies	10
Prescribing/pharmacology	7
Communication Decision making	3
Shadowing FYs Catheterisation Paediatrics Proactive/enthusiastic Cannulation History taking and examination Gather information Pain management	2
Escalation of care Anatomy Sepsis Oxygen therapy Basic surgical skills NGT insertion Scrubbing up Common ward presentations ABGs Consent Discharging patients	1

QUESTION 3

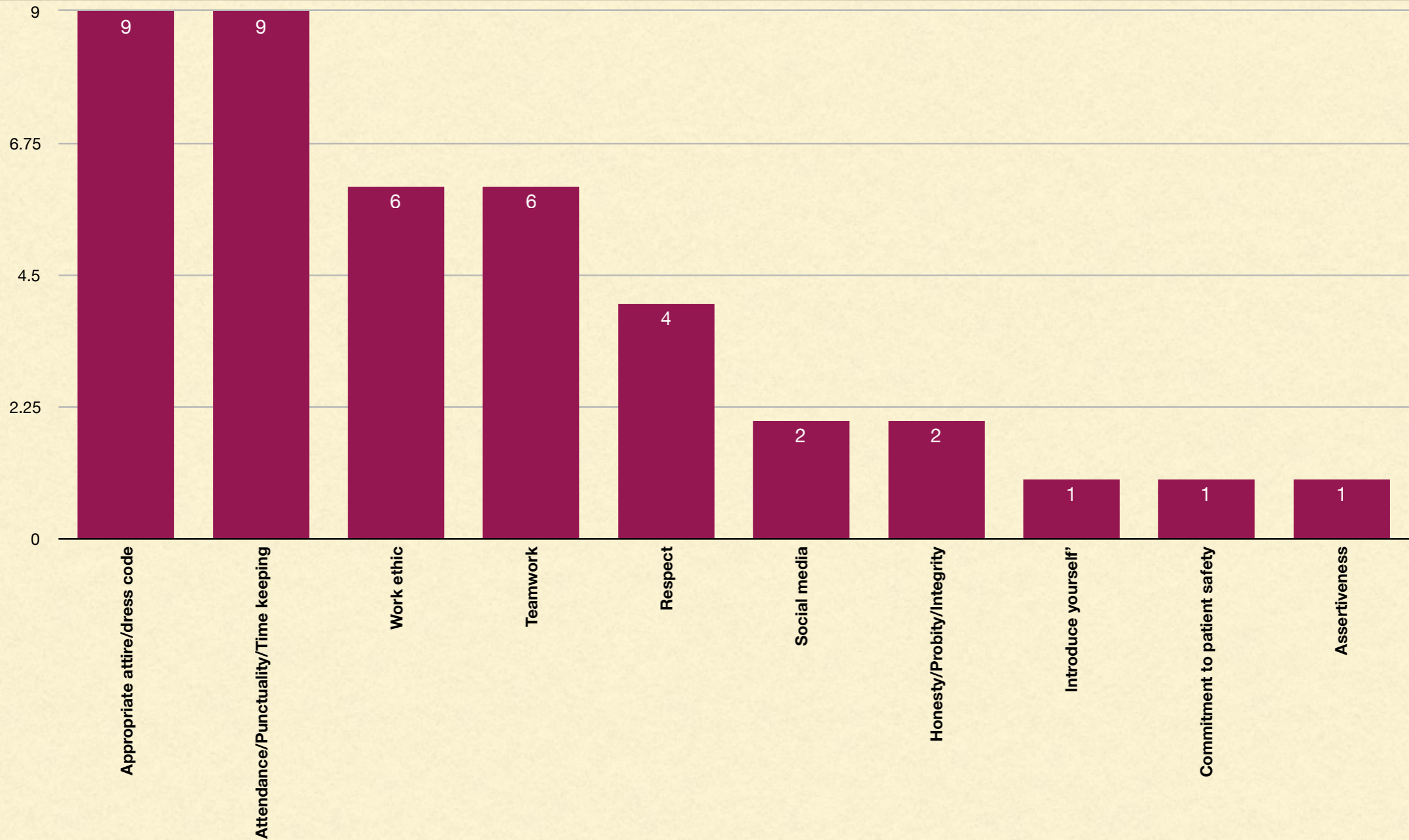
3 In terms of COMMUNICATION SKILLS, what do you think would be most helpful for Year 5 medical students to be taught in order to prepare them for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.



Speaking to patients/family/parents	9
Communicating to the team Handover/SBAR	8
Breaking bad news	6
Referring/Discussing patients	5

QUESTION 4

4 In terms of PROFESSIONALISM, what do you think would be most helpful for Year 5 medical students to be taught in order to prepare them for Foundation Training? Please rank these in order of preference and add any additional points which you may feel are useful.



QUESTION 5

5 What do you feel are the most challenging issues facing foundation doctors currently (clinical/non-clinical)?

Increasingly busy on calls, workload, rota gaps	10
Completing training/SLEs in limited hours Lack of team identity/belonging	3
Dealing with stress Patient expectations Using technology	2
QI Self worth/perception of not making a difference Morale Sickness Workforce change, new roles Sudden responsibility Continuity of care Complex patients Balancing between learning and providing a service Lack of appreciation New contract Clinical acumen	1

QUESTION 6

Yes: 15/30

No: 15/30

6 Have you had to support foundation doctors with non-clinical issues? If so, what were these issues?

Sickness/Mental illness/Stress	10
Home/Family/Social Life	4
Bereavement	3
Shift work Leave Attitude/behaviour Time management	2
Finance Difficulties with colleagues 'Personal' problems Bullying/undermining 'Trainee in need' QI projects Working within a team Poor portfolio engagement Attendance/Punctuality/Time keeping Behavioural Resilience	1

ANALYSIS

- Corresponds heavily with FY survey
 - Professionalism issues strongly addressed
 - Common references to attendance, punctuality, work ethic
 - Lack of team work described - no idea of 'firm' - as a result of shift working?
 - Transition from training (medical school) to 'work' as an FY is a challenge for some (may be their first job)
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TAKING THINGS FORWARD

- Final year **Secondary Care Block**
 - Develop methods in which these issues can be taught, tackled, and experienced by final year students before FY
 - Within a safe environment
 - **Critical incidents** - some preliminary work undertaken
 - More substantial research required - though common themes have been found
 - ‘Lessons Learnt’ for final year students
 - **Larger scale** survey/research required
 - National - to reflect other medical school/FY training
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Any Questions?

Thank you!
